

ABSTRACT

The present invention relates to medical implants that comprise crosslinked polymeric material (such as UHMWPE) that is in contact with another piece (such as a metallic mesh or back, a non-metallic mesh or back, a tibial tray, a patella tray, or an acetabular shell), thereby forming an interface. Also disclosed herein are the methods of manufacturing and sterilizing such medical devices and materials used therein.